



LANCASTER MALLEABLES  
AND  
STEEL CORPORATION



## CENTRALLY LOCATED

at

LANCASTER, NEW YORK

Six Miles from the Large Industrial City  
of Buffalo

A wide choice of transportation facilities, including the D. L. & W., N. Y. Central, Lehigh Valley, Erie, B. & O., and Pennsylvania Railroad Systems, as well as many reliable motor freight lines, assure fast and dependable deliveries throughout New York State and the adjacent States of Ohio, Pennsylvania and New Jersey and into Michigan.

For over fifty years the plant of Lancaster Malleables and Steel Corporation has been a valued source of Malleable Castings for many of the most important industrials throughout this area.



## QUALITY CONTROL

In our own well equipped laboratory, every operation is under the constant supervision of experts of long experience. All materials are checked daily and extreme care is exercised at all times so that production of the highest quality of Malleable Iron is consistently assured.

The Quality Control Room located in the foundry affords a new and added safeguard in checking all patterns, cores, materials and specifications.

Comparative periodic tests by independent laboratories invariably rate Lancaster Malleable Iron among the highest in quality in our industry.



A SECTION OF THE 1000 FT. LONG FOUNDRY

THE LAYOUT of our plant is particularly suited to modern, economical, "straight line" production operation. The 12 foot wide, 1000 foot long runway throughout the plant permits rapid transportation of heavy materials to and from all departments without delay or congestion. The capacity of the pattern shop, core rooms, annealing ovens and cleaning department are ample to take care of the demands of full-time operation of our two thirty-five ton capacity melting furnaces.

On the right are shown sections of our Pattern Shop, the Core Making and Finishing departments.



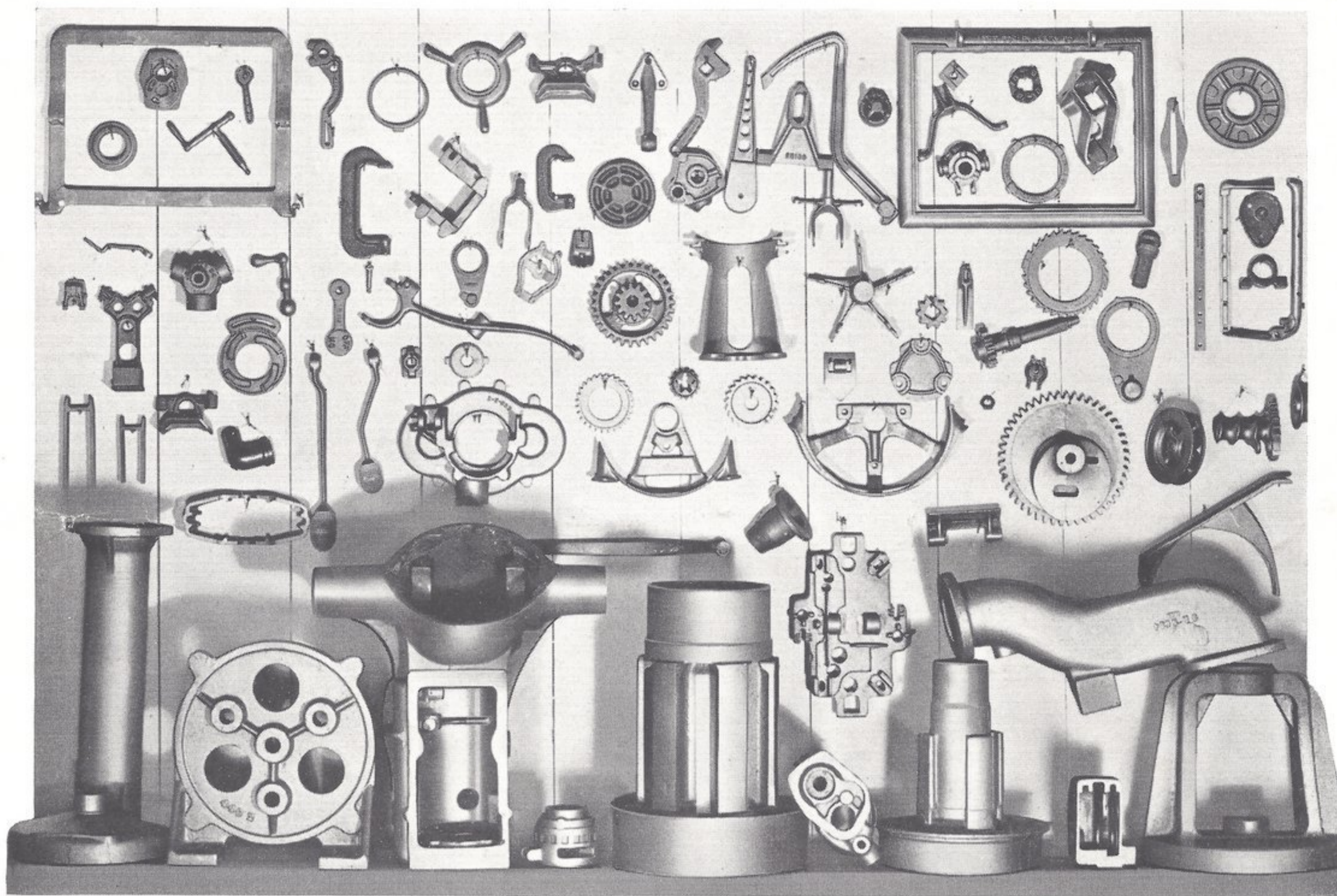
PATTERN MAKING



CORE MAKING



FINISHING



## VARIETY

Lancaster Malleables and Steel Corporation maintains a foundry organization especially equipped to produce in great or small quantities the wide range of sizes and shapes required by so many of today's industries. Castings now being produced range in weight from nearly 400 pounds each down to those weighing less than one-tenth of a pound.

Long and varied experience in the production of miscellaneous castings enables us to operate economically to the advantage of the customer whose normal requirements are for comparatively light runs as well as to the advantage of the customer requiring large tonnage.

## Physical Properties of Lancaster Malleable and Lancast Alloys

|                     | <i>Yield</i> | <i>Ultimate</i> | <i>Elongation</i> | <i>Brinell<br/>Hardness</i> |
|---------------------|--------------|-----------------|-------------------|-----------------------------|
| LANCASTER MALLEABLE | 38,000       | 57,000          | 20-25%            | 115-130                     |
| LANCAST ALLOY #1    | 50,000       | 70,000          | 12-15%            | 150-170                     |
| " " #2              | 65,000       | 85,000          | 4-8%              | 230-250                     |
| " " #3              | 43,000       | 63,000          | 14-18%            | 135-155                     |
| " " #4              | 60,000       | 80,000          | 8-12%             | 180-200                     |

Since 1927 when the present management took over the operation of this plant several hundred thousands of dollars have been expended to modernize equipment and to expand and improve production facilities. In suggesting that you consult us regarding your malleable castings we do so with assurance that whatever your requirements may be as to intricacy of design or size or metal characteristics, we are equipped to supply the best available.

The same care and attention given to our regular product is also maintained in the production of Lancaster Malleable Alloys developed by our engineers to fill the special demands of many of our customers for a malleable product of higher tensile characteristics or greater abrasive resisting qualities.

Our engineers will be glad at all times to assist in the solution of problems in connection with the use of malleable iron or special malleable alloys.

L A N C A S T E R    M A L L E A B L E S  
AND  
S T E E L    C O R P O R A T I O N  
LANCASTER                      NEW YORK

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